ABSTRACT

A FILTER STRUCTURE FOR THE EXHAUST GAS FROM AN INTERNAL COMBUSTION ENGINE

The structure comprises at least first and second filter members (15A, 15B) respectively provided with first and second faces (24A, 24B) placed facing each other, and a joint (17) interconnecting said faces and extending between said faces (24A, 24B). The first face (24A) comprises at least one region (33A) of strong adhesion with said joint (17) and at least a region (35A) of weak or no adhesion with the joint (17). These regions (33A, 35A) are located respectively facing a region (35B) of the second face (24B) presenting weak or no adhesion with said joint (17), and a region (35B) of the second face (24B) presenting strong adhesion with said joint (17). The structure is applicable to particle filters for the exhaust gas from an internal combustion engine.

Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.